

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

RECEIVED
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Hallwood Petroleum, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 378111, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

Unit G, 1950' FNL & 1980' FEL

At proposed prod. zone

SAME

NOV 9 '90

O. C. D.
ARTESIA, OFFICE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1920' 720'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

-

16. NO. OF ACRES IN LEASE

960

19. PROPOSED DEPTH

± 9,665

17. NO. OF ACRES ASSIGNED
TO THIS WELL.

320

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

2,956' GR

22. APPROX. DATE WORK WILL START*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 - 1/2"	13 - 3/8"	48#	530'	300 HLC & 510 Class "C"
12 - 1/4"	9 - 5/8"	47# & 40#	2,630'	900 HLC & 990 Class "C"
8 - 1/2"	7"	23#	11,190'	750 HLC & 525 Class "H"
6 - 1/8"	4 - 1/2" Liner	13.5#	13,500'	400 Class "H"
TOL: 10,987'				

Hallwood Petroleum, Inc. proposes to plug-back the Queen Lake 19 Federal 1 from the Atoka formation (perf'd @ 12,154-12,163') to the Bone Springs formation as follows:

1. MIRU completion unit. ND tree, NU BOP. Kill well, circ hole clean, and TOOH w/ tbg.
2. RIH w/wireline and set 4-1/2", 23# CIBP at 12,040' KB. Dump 35' cmt on top of plug.
3. RIH w/wireline and set 7", 23# CIBP at 9700' KB. Dump 35' cmt on top of plug.
4. RU wireline and run CBL-GR from 7700' to 9700'. Squeeze zones to be perforated if necessary
5. TIH w/2-3/8" tbg and swab well down to +/-7000'. TOOH w/tbg.
6. Perforate 2nd Bone Springs sand from 8854-88888' and 8900-8916' (50') w/4 JSPF (202 shots), 90 degree phasing, 4" Hollow carrier casing gun using maximum premium charges.

(OVER)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Wally S. Richardson TITLE Sr. Ops. Eng. Tech.

DATE October 3, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

RECEIVED

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Nov 5 11 39 AM '90

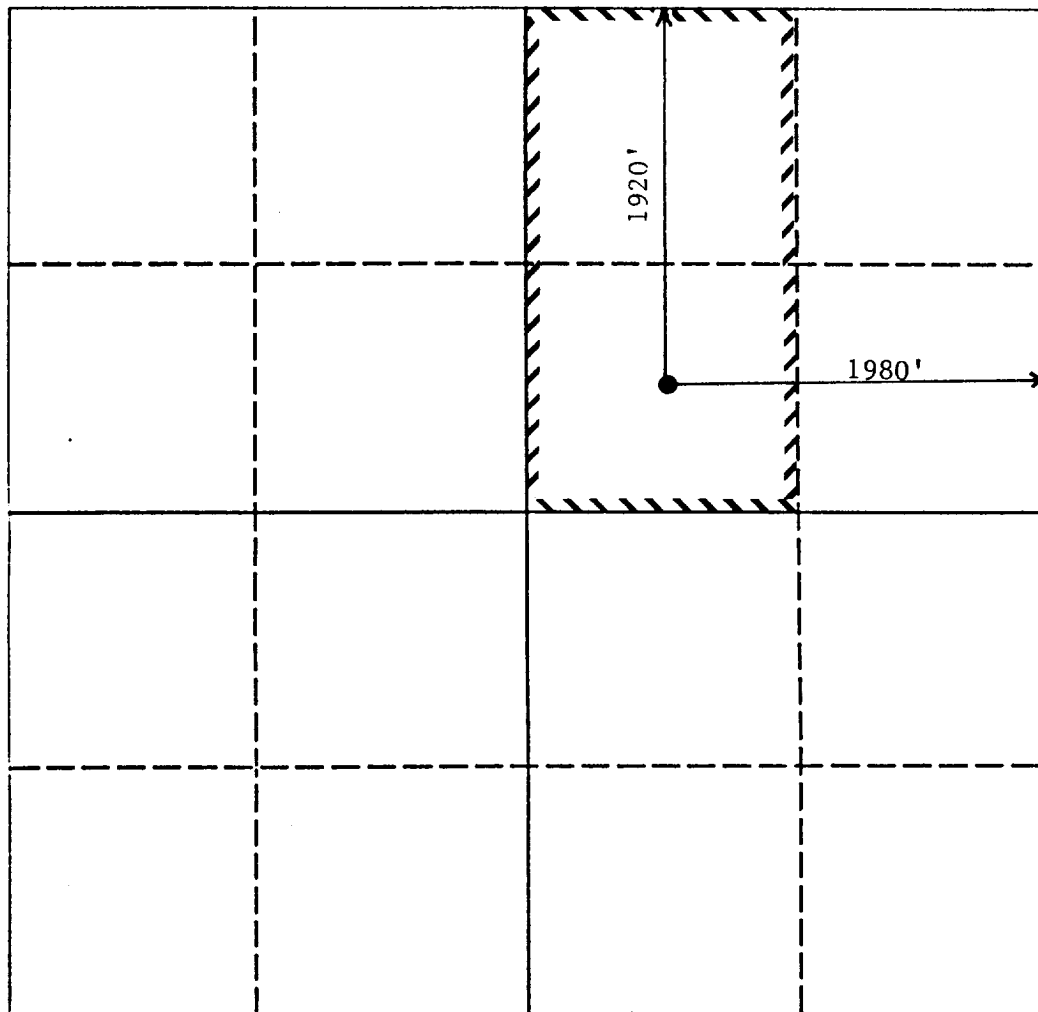
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Hallwood Petroleum, Inc.			Lease Queen Lake 19 Federal			Well No. 1		
Unit Letter G	Section 19	Township 24S	Range 29E	County Eddy				
Actual Footage Location of Well: 1950 feet from the North line and 1980 feet from the East line								
Ground level Elev. 2,956' GR		Producing Formation Bone Springs		Pool Eddy Undes.			Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Holly S. Richardson
Signature

Holly S. Richardson

Printed Name

Sr. Ops. Eng. Tech.

Position

Hallwood Petroleum, Inc.

Company

10/22/90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

(as attached)

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

WF LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator HNG OIL CO.			Lease QUEEN LAKE 19-FEDERAL		Well No. 1
Unit Letter G	Section 19	Township 24 SOUTH	Range 29 EAST	County EDDY	

Actual Footage Location of Well:

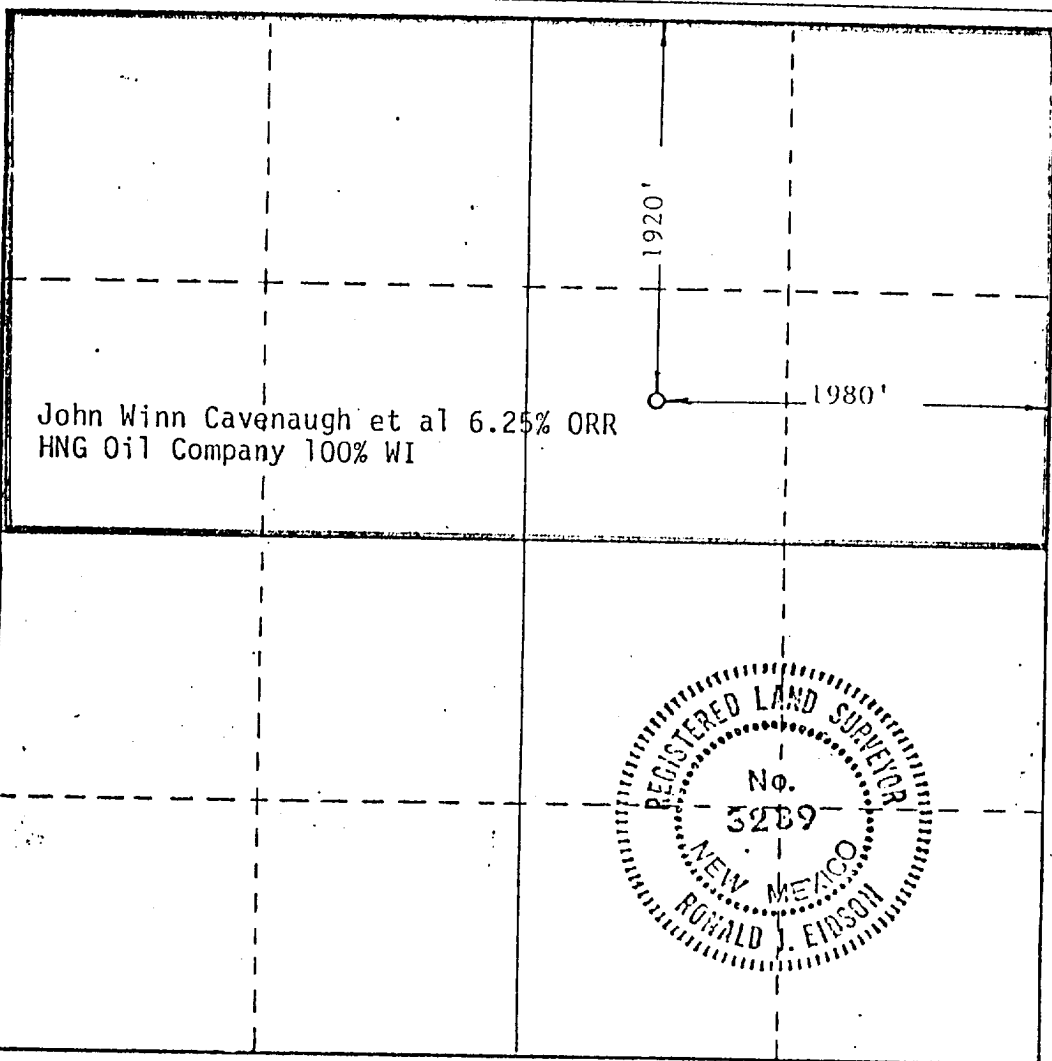
1980 feet from the EAST line and 1920 feet from the NORTH line	Ground Level Elev. 2956'	Producing Formation Morrow	Pool Wildcat	Dedicated Acreage: 320 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Betty Gildon

Name

Betty Gildon

Position

Regulatory Analyst

Company

HNG OIL COMPANY

Date

9/22/82

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

September 22, 1982

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson

Certificate No. JOHN W. WEST 876
PATRICK A. ROMERO 6263
Ronald J. Eidson 3235

